

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A radio access network system for transferring a packet in a network, said radio access network system including a base station and a control apparatus, configured to manage and control operating of the base station, said radio access network system comprising~~which comprises~~:

a transfer path setter configured to set a transfer path for the packet in the network,
wherein the control apparatus comprises:[;]]

a field information notifier configured to notify field information showing a format of a predetermined field in the packet;

a priority information setter configured to set priority information for determining a priority of the packet to be transferred ~~[[at]]~~via the base station and the control apparatus which are included in the transfer path; and

a packet processor configured to determine the priority of ~~the received~~ a packet received at the control apparatus in accordance with the priority information, and to add the priority to the predetermined field received packet in accordance with the field information notified by the field information notifier.

Claim 2 (Currently Amended): A radio access method for transferring a packet in a network including a base station and a control apparatus configured to manage and control operating of the base station, the method comprising the steps of:

setting a transfer path for the packet in the network;

notifying field information showing a format of a predetermined field in the packet;

setting priority information for determining a priority of the packet to be transferred at the base station and the control apparatus which are included in the transfer path; and

determining the priority of ~~the received~~ a packet received at the control apparatus in accordance with the priority information, and adding the priority to the predetermined field in the received packet, in accordance with the notified field information in the base station and the control apparatus.

Claim 3 (Canceled)

Claim 4 (Currently Amended): The ~~control apparatus~~ radio access network system according to claim [[3]]1, wherein the priority information setter ~~sets~~ is configured to set the priority information in accordance with whether the packet to be transferred belongs to a traffic class requiring real-time communication or not.

Claim 5 (Canceled)

Claim 6 (Currently Amended): The ~~control apparatus~~ radio access network system according to claim [[5]]1, wherein the packet processor adds the priority to the predetermined field of a common format in the whole network or a predetermined network domain, in accordance with the notified field information.

Claim 7 (Original): The ~~control apparatus~~ radio access network system according to claim [[6]]4, wherein the priority information setter ~~sets~~ is configured to set the priority information in accordance with a flag showing which one of the packet delay characteristics, throughput, reliability or cost takes top priority, the flag being defined in the predetermined field.

Claim 8 (New): The method according to claim 2, wherein the priority information is set in accordance with whether the packet to be transferred belongs to a traffic class requiring real-time communication or not.

Claim 9 (New): The method according to claim 2, wherein the priority is added to the predetermined field of a common format in the whole network or a predetermined network domain, in accordance with the notified field information.

Claim 10 (New): The method according to claim 8, wherein the priority information is set in accordance with a flag showing which one of the packet delay characteristics, throughput, reliability or cost takes top priority, the flag being defined in the predetermined field.